Item No. ~~6E~~ 2A

TOWN OF LAUDERDALE-BY-THE-SEA

AGENDA ITEM REQUEST FORM

TOWN ENGINEER
Department Submitting Request

JAMES BARTON
Dept Head's Signature

	Commission Meeting Dates	Last date to turn in to Town Clerk's Office		Commission Meeting Dates	Last date to turn in to Town Clerk's Office		Commission Meeting Dates	Last date to turn in to Town Clerk's Office
☐	Nov 10, 2009	Oct. 30 (5:00 p.m.)	☐	Jan 26, 2010	Jan 15 (5:00 p.m.)	☒	March 23, 2010	Mar 12 (5:00 p.m.)
☐	Dec 1, 2009	Nov 20 (5:00 p.m.)	☐	Feb 9, 2010	Jan 29 (5:00 p.m.)	☐	April 13, 2010	April 2 (5:00p.m.)
☐	Dec 8, 2009	Nov 25 (5:00 p.m.)	☐	Feb 23, 2010	Feb 12 (5:00 p.m.)	☐	April 27, 2010	April 16 (5:00p.m.)
☐	Jan 12, 2010	Dec 31 (5:00 p.m.)	☐	Mar 4, 2010	Feb 19 (5:00p.m.)	☐	May 11, 2010	April 30 (5:00p.m.)

NATURE OF AGENDA ITEM

☐ Presentation ☐ Resolution ☐ New Business
☒ Report ☐ Ordinance ☐ Manager's Report
☐ Consent Agenda ☐ Public Hearing ☐ Attorney's Report
☐ Bids ☐ Old Business ☐ Other

EXPLANATION: Bocce Ball Court Expansion

STAFF RECOMMENDATION: N/A

BOARD/COMMITTEE RECOMMENDATION: N/A

FISCAL IMPACT AND APPROPRIATION OF FUNDS: TBD

☐ Amount ☐ Acct #
☐ Transfer of funds required ☐ From Acct #_____
☐ Bid ☐ Grant ☐ Amount represents matching funds

Town Attorney review required
☐ Yes ☒ No

Town Manager's Initials: _____

Revised 1/14/2010

CHEN&ASSOCIATES
Civil and Environmental Engineers

500 West Cypress Creek Road, Suite 410
Fort Lauderdale, FL 33309
954.730.0707 (Phone)
954.737.2030 (Fax)

March 12, 2010

Esther Colon
Town Manager
Town of Lauderdale–By-The-Sea
4501 Ocean Drive
Lauderdale–By-The-Sea, FL 33308

Subject: Bocce Ball Court

The Town requested Chen and Associates investigate the possibility of installing a second bocce ball court at the park behind Town Hall. The purpose of this report is to provide the background and cost information necessary for the Town to determine what size court would be feasible and where a court could be constructed.

Background

Chen and Associates gathered background information on standards for constructing bocce ball courts and visited the site to determine possible locations. Chen and Associates also visited several other bocce ball courts in the area to better understand construction requirements.

Bocce Ball Court Specifications

A list of bocce ball court standards and specifications is attached to this report. There is some variation of length, width and building materials that can be used.

Measurements vary between 60 ft and 91 ft in length and 8 ft to 14 ft in width. Standard materials can include a combination of concrete curbing with wooden bumper boards or simply wooden bumper boards with 4x4 wooden supports.

There are variations in materials used for the court base and surface with up to 3 layers of base materials. These include a compacted sub-base, 3" base course, 1" leveling base and 1" surface clay material.

One important feature is the method of drainage. The court is inside a raised siding. Rainfall entering the court needs a way to run off. Therefore, draining the court through weep holes in the siding is necessary.

Local Courts

Chen and Associates visited other bocce ball courts in the vicinity, including the existing court at the park. The method of construction witnessed was a six inch wide concrete siding, approximately eight inches high, with the court approximately 3 inches above the ground elevation, with simple weep holes for drainage. There were no additional wood bumpers. The base materials included a base course with tennis court clay for the surface. This would be a practical construction for the Town.

Bocce Ball Court Location

On the basis of a field visit, three options for locating a bocce ball court at the park were identified.

Option 1

Placing the new court on the east side of the existing shuffle board area limits the length of the court to 60 ft. It also limits the width for the court to 8 ft. Part of the shuffle board concrete will have to be removed. Only two shuffle board lanes will remain.

The south end of the court will abut the existing bathroom building. The difference in elevation between the bathroom floor and court will be a trip hazard. Additional work will be necessary to correct this. This work will include adding extra concrete to build steps for people to walk down to the court.

The constrained area and additional concrete work make this the least favorable option. Option 1 is not recommended.

Option 2

Placing the new court to the west side of the shuffle board is a preferred option. The maximum length of the court will be 65 ft. The width would not be constrained by the shuffle board. Part of the shuffle board concrete will have to be removed. Only two shuffle board lanes will remain.

The length can be extended by removing or relocating an existing tree, adding to the project cost.

Option 3

A third option is to place the court along the western edge of the park. The length of the court can be increased to 70ft. Part of the shuffle board concrete will have to be removed. Only two shuffle board lanes will remain. This option would require the removal or relocation of a medium sized tree and park exercise facilities.

Due to the necessity for relocating park facilities, Option 3 is not recommended.

Budgeting

For purposes of budgeting, a breakdown of estimated design and construction costs for a new bocce ball court is provided below. The costs are estimates based on costs for previous courts and for discussion purposes only. Previous courts were part of larger overall park construction projects, so costs for preparing the area may not be fully accounted for. None of these costs include additional amenities such as lighting, fencing or seating facilities.

Item	Estimated Cost
Survey	$ 1,500
Engineering Design	$ 1,500
Specifications	$ 1,500
Permitting	$ 500
Bidding	$ 1,000
Construction Admin	$ 1,500
Total Engineering	**$ 7,500**
Construction Option 1	$ 15,000
Construction Option 2	**$ 12,000**
Construction Option 3	$ 17,000
Total (Option 2)	**$ 19,500**

These values are based on the above assumptions and do not constitute a final quote. This cost estimate is provided as a guideline only.

Please review this information and call me if you have any questions.

Respectfully submitted

CHEN AND ASSOCIATES
James Barton P.E.

500 West Cypress Creek Road Suite 410
Ft. Lauderdale Fl 33309

www.chenandassociates.com

Bocce Ball Court Expansion
(recommendation from resident)

Floors . . .

S TO GO

he Best for Less"

SALESPERSON Philip

DATE 2/18/10

Toll-free: (877) 784-0809
Office Tel. (954) 784-0809
Fax: (954) 786-7700
floorstogo@bellsouth.net
www.floorstogo.com

SOLD TO	DELIVER TO / INSTALL AT
NAME Buster Celestino	NAME
ADDRESS	ADDRESS
ZIP	ZIP
APT. BLDG. LOT	APT. BLDG. LOT
PHONE (954) 946-1588	PHONE

TO BE MEASURE ____ TO BE INSTALL ____ TO BE DLVRD. ____ PICK UP TAKE WITH

PRODUCT NUMBER	FT² OR YDS.	INSTALL IN AREA	MILL • STYLE • COLOR	UNIT PRICE	AMOUNT
			S.L. BN 290 PAR FOUR 12'		$16.99 sq yd
			(Glue Down)		
~~52 X 10~~					$1,177.92
12 X 52			* LABOR		$346.65
69.33 sq yds.			* OUTDOOR Adhesive (Premium)		Included
			* Delivery		
			* Prepping Floor		Included
*Needs to be					
MEASURED*			(Allow 5 to 7 DAY'S For Delivery)		
			(Complete)		

REFERRAL SOURCE ____ DISPOSAL OF USED CARPETING ____ YDS @ 50¢

FOR OFFICE USE ONLY

INVOICE DATE ____ DATE DUE ____

DATE PAID	AMT	CK #	DEP	BAL	INTL

SQUARE AWAY / WITH COD PLAN ORDER

METAL Amt. ____ Type ____

FLOOR TYPE Concrete

FLOOR PREP Included.

RIP UP None

FURNITURE ____ APPLIANCES ____ Empty.

COVE ____

STEPS RISER ____

This Contract Subject To Terms And Conditions On Reverse Side.

ADJUSTED		ORIGINAL
	SUB TOTAL	
	TAX	
	TOTAL SALE	$1,616.04
	MINIMUM 50% DEPOSIT	
	BALANCE	
	DUE C.O.D.	

THE UNDERSIGNED ACCEPTS THE TERMS AND CONDITIONS OF THIS AGREEMENT AND FURTHER AGREES TO PAY THE FINAL ADJUSTED PRICE AS MAY BE REQUIRED TO AFFECT COMPLETION.

C.O.D MUST BE CASHIERS CHECK, MONEY ORDER, OR CASH ONLY.

Customer Signature ____ Date ____

QUOTE

Store 0208 POMPANO BEACH
1151 NW COPANS RD
POMPANO BEACH, FL 33064

Phone: (954) 978-6100
Salesperson: LJF8Z6
Reviewer:

 No. 0208-324624

QUOTE

2010-02-18 14:44

Prices Valid Thru: 02/19/2010

SOLD TO

Name	CELESTINO MARIE	Home Phone	(954) 946-1588
Address	1620 SO OCEAN BLVD	Work Phone	(954) 494-8394
	APT 7 N	Company Name	
City	POMPANO BEACH	Job Description	PT LUMBER
State	FL	Zip 33062	County BROWARD

CUSTOMER PICKUP #1

MERCHANDISE AND SERVICE SUMMARY

We reserve the right to limit the quantities of merchandise sold to customers

REF # W03 SKU # 515-664 Customer Pickup / Will Call

STOCK MERCHANDISE TO BE PICKED UP:

REF #	SKU	QTY	UM	DESCRIPTION	TAX	PRICE EACH	EXTENSION
R01	127-084	13.00	EA	2X8-10 PT #2 PRIME-WEATHERSHIELD /	Y	$9.97	$129.61
R02	124-884	25.00	EA	2X6-10 PT #2 PRIME-WEATHERSHIELD /	Y	$7.97	$199.25
						MERCHANDISE TOTAL:	$328.86

END OF CUSTOMER PICKUP - REF #W03

TOTAL CHARGES OF ALL MERCHANDISE & SERVICES

ORDER TOTAL	$328.86
SALES TAX	$19.73
TOTAL	$348.59
BALANCE DUE	$348.59

END OF ORDER No. 0208-324624

TERMS AND CONDITIONS

WILL CALL

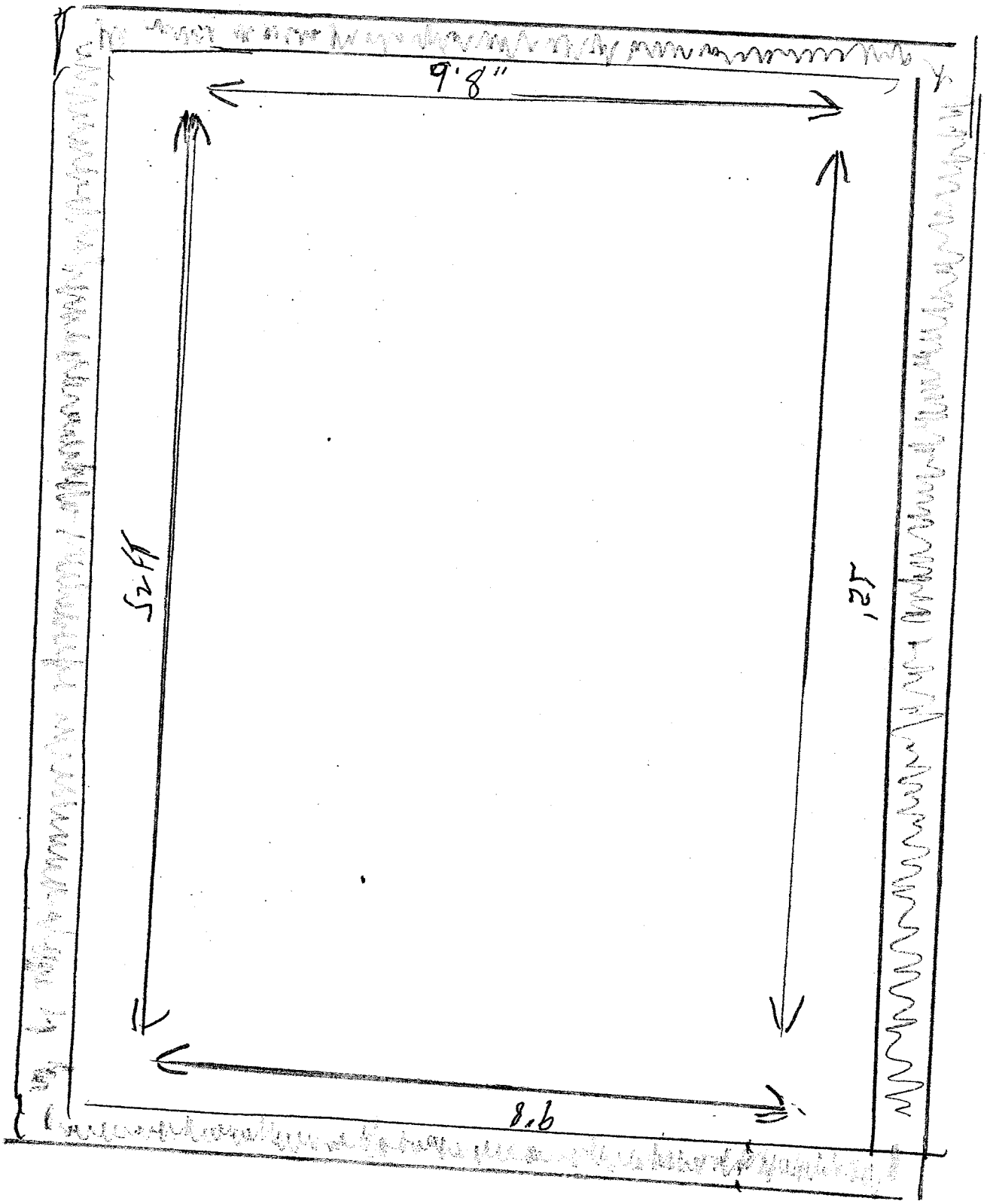
Will Call items will be held in the store for 7 days. For Will Call merchandise pick up, proceed to Will Call/Service Desk area(Pro Customers, proceed to the Pro Desk).

*** CONTINUED ON NEXT PAGE ***

NOT VALID FOR MERCHANDISE PICKUP

FOR WILL CALL
MERCHANDISE PICK UP
PROCEED TO WILL CALL OR
SERVICE DESK AREA
(Pro Customers, Proceed To The Pro Desk)

Customer Copy


9'8"
8.6

Mr. & Mrs. B. Celestino
1620 S Ocean Blvd. #7N
Pompano Beach, FL 33062-7713

Received - 3/22/2010

Town Mgr. Colon